Drafts
Pending
Active
  L1: (12) (US-6521926-$ or US-6495421-$ or US-6150676-
  L2: (120) (elongated adj gate) and transistor
  L3: (112) 2 and (source and drain)
  L4: (109) 3 and (conduct$4 or connect$4)
  L5: (34) 4 and (metal$5 and (configur$4))
  L6: (75) 4 not 5
  L7: (62) 6 and (extend$4)
  L8: (53) 7 and (gate with extend$4)
  L9: (25) 8 and ((integrated adj circuit) or "IC")
Failed
Saved
  (1) cebenko-stephen-r.in.
  (4) Rhein-David-a.in.
  (4) Schadt-John-a.in.
  (4) Yeager-Brian-w.in.

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DBs: USPAT;US-PGPUB
Default operator: OR
  Plurals
  Highlight all hit terms initially

8 and ((integrated adj circuit) or "IC")

U	I	PT	P	Document ID	Issue Dat	Pages	Title	Current OR	Current XRef	R	Inventor	S	C
1				US 20030049880 A1	20030313	13	Method of fabricating an array substrate for an X-ray detector	438/59			Choo, Kyo-Seop et al.	✓	
2				US 20010049154 A1	20011206	13	Method of fabricating an array substrate for an x-ray detector	438/48	257/72		Choo, Kyo-Seop et al.	✓	
3				US 20010005022 A1	20010628	22	Semiconductor device	257/103	257/E21.404; 257/E21.548; 257/E21.618;		Ogura, Takashi	✓	
4				US 6690423 B1	20040210	31	Solid-state image pickup apparatus	348/311	257/215		Nakamura, Nobuo et al.	✓	
5				US 6660567 B2	20031209	12	Method of fabricating an array substrate for an X-ray detector	438/128	438/155; 438/157		Choo, Kyo-Seop et al.	✓	
6				US 6597026 B2	20030722	21	Semiconductor device comprising plural isolated channels in a shallow trench isolation region	257/287	257/374; 257/510; 257/E21.404;		Ogura, Takashi	✓	
7				US 6528819 B2	20030304	12	Method of fabricating an array substrate for an x-ray detector	257/59	257/222; 257/57		Choo, Kyo-Seop et al.	✓	
8				US 6222232 B1	20010424	19	Asymmetric MOS technology power	257/341	257/133;		Magri' , Angelo et al.		

Hits | Details | HTML

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NUM

L Number	Hits	Search Text	DB	Time stamp
1	12	(US-6521926-$ or US-6495421-$ or US-6150676-$ or US-5731609-$ or US-5461577-$ or US-5150309-$ or US-5731614-$ or US-4870598-$ or US-4716314-$).did. or (US-20010006831-$ or US-20020167042-$ or US-20020163048-$).did.	USPAT; US-PGPUB	2004/03/30 17:58
2	120	(elongated adj gate) and transistor	USPAT; US-PGPUB	2004/03/30 17:58
3	112	((elongated adj gate) and transistor) and (source and drain)	USPAT; US-PGPUB	2004/03/30 17:58
4	109	(((elongated adj gate) and transistor) and (source and drain)) and (conduct$4 or connect$4)	USPAT; US-PGPUB	2004/03/30 17:58
5	34	((((elongated adj gate) and transistor) and (source and drain)) and (conduct$4 or connect$4)) and (metal$5 and (configur$4))	USPAT; US-PGPUB	2004/03/30 18:15
6	75	((((elongated adj gate) and transistor) and (source and drain)) and (conduct$4 or connect$4)) not (((((elongated adj gate) and transistor) and (source and drain)) and (conduct$4 or connect$4)) and (metal$5 and (configur$4)))	USPAT; US-PGPUB	2004/03/30 18:15
7	62	(((((elongated adj gate) and transistor) and (source and drain)) and (conduct$4 or connect$4)) not (((((elongated adj gate) and transistor) and (source and drain)) and (conduct$4 or connect$4)) and (metal$5 and (configur$4)))) and (extend$4)	USPAT; US-PGPUB	2004/03/30 18:15
8	53	((((((elongated adj gate) and transistor) and (source and drain)) and (conduct$4 or connect$4)) not (((((elongated adj gate) and transistor) and (source and drain)) and (conduct$4 or connect$4)) and (metal$5 and (configur$4)))) and (extend$4)) and (gate with extend$4)	USPAT; US-PGPUB	2004/03/30 18:16
9	25	(((((((elongated adj gate) and transistor) and (source and drain)) and (conduct$4 or connect$4)) not (((((elongated adj gate) and transistor) and (source and drain)) and (conduct$4 or connect$4)) and (metal$5 and (configur$4)))) and (extend$4)) and (gate with extend$4)) and ((integrated adj circuit) or "IC")	USPAT; US-PGPUB	2004/03/30 18:16
-	1	cebenko-stephen-r.in.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/10/17 15:31
-	4	Rhein-David-a.in.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/10/17 15:31
-	4	Schadt-John-a.in.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/10/17 15:32
-	4	Yeager-Brian-w.in.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/10/17 15:32
-	0	haven-schuykill.in.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/10/17 15:32

-	0	schuykill-haven.in.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/10/17 15:33
-	1	ziegenfus-warren-l.in.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/10/17 15:33
-	7	cebenko-stephen-r.in. Rhein-David-a.in. Schadt-John-a.in. Yeager-Brian-w.in. haven-schuykill.in. schuykill-haven.in. ziegenfus-warren-l.in.	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/10/18 18:53
-	4	(cebenko-stephen-r.in. Rhein-David-a.in. Schadt-John-a.in. Yeager-Brian-w.in. haven-schuykill.in. schuykill-haven.in. ziegenfus-warren-l.in.) and transistor	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/10/18 17:23
-	15	("4228528" | "4319396" | "4870302" | "5313119" | "5384497" | "5416740" | "5459342" | "5679967" | "5696943" | "5777887" | "5892249" | "5959905" | "6020755" | "6222211" | "6404226").PN.	USPAT	2003/10/18 16:18
-	15	("4228528" | "4319396" | "4870302" | "5313119" | "5384497" | "5416740" | "5459342" | "5679967" | "5696943" | "5777887" | "5892249" | "5959905" | "6020755" | "6222211" | "6404226").PN.	USPAT	2003/10/18 17:16
-	0	6600341.URPN.	USPAT	2003/10/18 17:17
-	15	("4228528" | "4319396" | "4870302" | "5313119" | "5384497" | "5416740" | "5459342" | "5679967" | "5696943" | "5777887" | "5892249" | "5959905" | "6020755" | "6222211" | "6404226").PN.	USPAT	2003/10/18 17:17
-	0	6600341.URPN.	USPAT	2003/10/18 17:17
-	15	(("4228528" | "4319396" | "4870302" | "5313119" | "5384497" | "5416740" | "5459342" | "5679967" | "5696943" | "5777887" | "5892249" | "5959905" | "6020755" | "6222211" | "6404226").PN.) (("4228528" | "4319396" | "4870302" | "5313119" | "5384497" | "5416740" | "5459342" | "5679967" | "5696943" | "5777887" | "5892249" | "5959905" | "6020755" | "6222211" | "6404226").PN.) (("4228528" | "4319396" | "4870302" | "5313119" | "5384497" | "5416740" | "5459342" | "5679967" | "5696943" | "5777887" | "5892249" | "5959905" | "6020755" | "6222211" | "6404226").PN.)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/10/18 17:23
-	12	((("4228528" | "4319396" | "4870302" | "5313119" | "5384497" | "5416740" | "5459342" | "5679967" | "5696943" | "5777887" | "5892249" | "5959905" | "6020755" | "6222211" | "6404226").PN.) (("4228528" | "4319396" | "4870302" | "5313119" | "5384497" | "5416740" | "5459342" | "5679967" | "5696943" | "5777887" | "5892249" | "5959905" | "6020755" | "6222211" | "6404226").PN.) (("4228528" | "4319396" | "4870302" | "5313119" | "5384497" | "5416740" | "5459342" | "5679967" | "5696943" | "5777887" | "5892249" | "5959905" | "6020755" | "6222211" | "6404226").PN.)) and transistor	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/10/18 17:24

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-	4	`(((("4228528" | "4319396" | "4870302" | "5313119" | "5384497" | "5416740" | "5459342" | "5679967" | "5696943" | "5777887" | "5892249" | "5959905" | "6020755" | "6222211" | "6404226").PN.) (("4228528" | "4319396" | "4870302" | "5313119" | "5384497" | "5416740" | "5459342" | "5679967" | "5696943" | "5777887" | "5892249" | "5959905" | "6020755" | "6222211" | "6404226").PN.) (("4228528" | "4319396" | "4870302" | "5313119" | "5384497" | "5416740" | "5459342" | "5679967" | "5696943" | "5777887" | "5892249" | "5959905" | "6020755" | "6222211" | "6404226").PN.)) and transistor) and (gate with (elongat$4 or extend$4))`	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/10/18 17:55
-	228	`(elongate$3 near gate) and transistor`	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/10/18 17:56
-	224	`((elongate$3 near gate) and transistor) not ((cebenko-stephen-r.in. Rhein-David-a.in. Schadt-John-a.in. Yeager-Brian-w.in. haven-schuykill.in. schuykill-haven.in. ziegenfus-warren-l.in.) ((("4228528" | "4319396" | "4870302" | "5313119" | "5384497" | "5416740" | "5459342" | "5679967" | "5696943" | "5777887" | "5892249" | "5959905" | "6020755" | "6222211" | "6404226").PN.) (("4228528" | "4319396" | "4870302" | "5313119" | "5384497" | "5416740" | "5459342" | "5679967" | "5696943" | "5777887" | "5892249" | "5959905" | "6020755" | "6222211" | "6404226").PN.) (("4228528" | "4319396" | "4870302" | "5313119" | "5384497" | "5416740" | "5459342" | "5679967" | "5696943" | "5777887" | "5892249" | "5959905" | "6020755" | "6222211" | "6404226").PN.)))`	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/10/18 17:57
-	192	`(((elongate$3 near gate) and transistor) not ((cebenko-stephen-r.in. Rhein-David-a.in. Schadt-John-a.in. Yeager-Brian-w.in. haven-schuykill.in. schuykill-haven.in. ziegenfus-warren-l.in.) ((("4228528" | "4319396" | "4870302" | "5313119" | "5384497" | "5416740" | "5459342" | "5679967" | "5696943" | "5777887" | "5892249" | "5959905" | "6020755" | "6222211" | "6404226").PN.) (("4228528" | "4319396" | "4870302" | "5313119" | "5384497" | "5416740" | "5459342" | "5679967" | "5696943" | "5777887" | "5892249" | "5959905" | "6020755" | "6222211" | "6404226").PN.) (("4228528" | "4319396" | "4870302" | "5313119" | "5384497" | "5416740" | "5459342" | "5679967" | "5696943" | "5777887" | "5892249" | "5959905" | "6020755" | "6222211" | "6404226").PN.)))) and (substrate and source and drain)`	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/10/18 17:57

-	167	(((((elongate$3 near gate) and transistor) not ((cebenko-stephen-r.in. Rhein-David-a.in. Schadt-John-a.in. Yeager-Brian-w.in. haven-schuykill.in. schuykill-haven.in. ziegenfus-warren-l.in.) ((("4228528" | "4319396" | "4870302" | "5313119" | "5384497" | "5416740" | "5459342" | "5679967" | "5696943" | "5777887" | "5892249" | "5959905" | "6020755" | "6222211" | "6404226").PN.) (("4228528" | "4319396" | "4870302" | "5313119" | "5384497" | "5416740" | "5459342" | "5679967" | "5696943" | "5777887" | "5892249" | "5959905" | "6020755" | "6222211" | "6404226").PN.) (("4228528" | "4319396" | "4870302" | "5313119" | "5384497" | "5416740" | "5459342" | "5679967" | "5696943" | "5777887" | "5892249" | "5959905" | "6020755" | "6222211" | "6404226").PN.)))) and (substrate and source and drain)) and extend$4	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/10/18 17:58
-	138	((((((elongate$3 near gate) and transistor) not ((cebenko-stephen-r.in. Rhein-David-a.in. Schadt-John-a.in. Yeager-Brian-w.in. haven-schuykill.in. schuykill-haven.in. ziegenfus-warren-l.in.) ((("4228528" | "4319396" | "4870302" | "5313119" | "5384497" | "5416740" | "5459342" | "5679967" | "5696943" | "5777887" | "5892249" | "5959905" | "6020755" | "6222211" | "6404226").PN.) (("4228528" | "4319396" | "4870302" | "5313119" | "5384497" | "5416740" | "5459342" | "5679967" | "5696943" | "5777887" | "5892249" | "5959905" | "6020755" | "6222211" | "6404226").PN.) (("4228528" | "4319396" | "4870302" | "5313119" | "5384497" | "5416740" | "5459342" | "5679967" | "5696943" | "5777887" | "5892249" | "5959905" | "6020755" | "6222211" | "6404226").PN.)))) and (substrate and source and drain)) and extend$4) and plurality	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/10/18 17:59
-	1	(((((((elongate$3 near gate) and transistor) not ((cebenko-stephen-r.in. Rhein-David-a.in. Schadt-John-a.in. Yeager-Brian-w.in. haven-schuykill.in. schuykill-haven.in. ziegenfus-warren-l.in.) ((("4228528" | "4319396" | "4870302" | "5313119" | "5384497" | "5416740" | "5459342" | "5679967" | "5696943" | "5777887" | "5892249" | "5959905" | "6020755" | "6222211" | "6404226").PN.) (("4228528" | "4319396" | "4870302" | "5313119" | "5384497" | "5416740" | "5459342" | "5679967" | "5696943" | "5777887" | "5892249" | "5959905" | "6020755" | "6222211" | "6404226").PN.) (("4228528" | "4319396" | "4870302" | "5313119" | "5384497" | "5416740" | "5459342" | "5679967" | "5696943" | "5777887" | "5892249" | "5959905" | "6020755" | "6222211" | "6404226").PN.)))) and (substrate and source and drain)) and extend$4) and plurality) and (base adj transistor)	USPAT; US-PGPUB; EPO; JPO; IBM_TDB	2003/10/18 18:48

| - | | 0 | ((((((elongate$3 near gate) and transistor) not ((cebenko-stephen-r.in. Rhein-David-a.in. Schadt-John-a.in. Yeager-Brian-w.in. haven-schuykill.in. schuykill-haven.in. ziegenfus-warren-l.in.) ((("4228528" \| "4319396" \| "4870302" \| "5313119" \| "5384497" \| "5416740" \| "5459342" \| "5679967" \| "5696943" \| "5777887" \| "5892249" \| "5959905" \| "6020755" \| "6222211" \| "6404226").PN.) (("4228528" \| "4319396" \| "4870302" \| "5313119" \| "5384497" \| "5416740" \| "5459342" \| "5679967" \| "5696943" \| "5777887" \| "5892249" \| "5959905" \| "6020755" \| "6222211" \| "6404226").PN.) (("4228528" \| "4319396" \| "4870302" \| "5313119" \| "5384497" \| "5416740" \| "5459342" \| "5679967" \| "5696943" \| "5777887" \| "5892249" \| "5959905" \| "6020755" \| "6222211" \| "6404226").PN.)))) and (substrate and source and drain)) and extend$4) and plurality) and (gate same (logitudinal$4 near2 extend$4)) | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2003/10/18 18:50 |
| - | | 0 | ((((((elongate$3 near gate) and transistor) not ((cebenko-stephen-r.in. Rhein-David-a.in. Schadt-John-a.in. Yeager-Brian-w.in. haven-schuykill.in. schuykill-haven.in. ziegenfus-warren-l.in.) ((("4228528" \| "4319396" \| "4870302" \| "5313119" \| "5384497" \| "5416740" \| "5459342" \| "5679967" \| "5696943" \| "5777887" \| "5892249" \| "5959905" \| "6020755" \| "6222211" \| "6404226").PN.) (("4228528" \| "4319396" \| "4870302" \| "5313119" \| "5384497" \| "5416740" \| "5459342" \| "5679967" \| "5696943" \| "5777887" \| "5892249" \| "5959905" \| "6020755" \| "6222211" \| "6404226").PN.) (("4228528" \| "4319396" \| "4870302" \| "5313119" \| "5384497" \| "5416740" \| "5459342" \| "5679967" \| "5696943" \| "5777887" \| "5892249" \| "5959905" \| "6020755" \| "6222211" \| "6404226").PN.)))) and (substrate and source and drain)) and extend$4) and plurality) and (gate same (logitud$6 near2 extend$4)) | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2003/10/18 18:50 |

| - | 0 | ((((((elongate$3 near gate) and transistor) not ((cebenko-stephen-r.in. Rhein-David-a.in. Schadt-John-a.in. Yeager-Brian-w.in. haven-schuykill.in. schuykill-haven.in. ziegenfus-warren-l.in.) ((("4228528" \| "4319396" \| "4870302" \| "5313119" \| "5384497" \| "5416740" \| "5459342" \| "5679967" \| "5696943" \| "5777887" \| "5892249" \| "5959905" \| "6020755" \| "6222211" \| "6404226").PN.) (("4228528" \| "4319396" \| "4870302" \| "5313119" \| "5384497" \| "5416740" \| "5459342" \| "5679967" \| "5696943" \| "5777887" \| "5892249" \| "5959905" \| "6020755" \| "6222211" \| "6404226").PN.) (("4228528" \| "4319396" \| "4870302" \| "5313119" \| "5384497" \| "5416740" \| "5459342" \| "5679967" \| "5696943" \| "5777887" \| "5892249" \| "5959905" \| "6020755" \| "6222211" \| "6404226").PN.)))) and (substrate and source and drain)) and extend$4) and plurality) and (gate same (logitud$6)) | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2003/10/18 18:50 |
| - | 128 | ((((((elongate$3 near gate) and transistor) not ((cebenko-stephen-r.in. Rhein-David-a.in. Schadt-John-a.in. Yeager-Brian-w.in. haven-schuykill.in. schuykill-haven.in. ziegenfus-warren-l.in.) ((("4228528" \| "4319396" \| "4870302" \| "5313119" \| "5384497" \| "5416740" \| "5459342" \| "5679967" \| "5696943" \| "5777887" \| "5892249" \| "5959905" \| "6020755" \| "6222211" \| "6404226").PN.) (("4228528" \| "4319396" \| "4870302" \| "5313119" \| "5384497" \| "5416740" \| "5459342" \| "5679967" \| "5696943" \| "5777887" \| "5892249" \| "5959905" \| "6020755" \| "6222211" \| "6404226").PN.) (("4228528" \| "4319396" \| "4870302" \| "5313119" \| "5384497" \| "5416740" \| "5459342" \| "5679967" \| "5696943" \| "5777887" \| "5892249" \| "5959905" \| "6020755" \| "6222211" \| "6404226").PN.)))) and (substrate and source and drain)) and extend$4) and plurality) and (gate same extend$4) | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2003/10/18 18:51 |

| - | | 125 | ((((((((elongate$3 near gate) and transistor) not ((cebenko-stephen-r.in. Rhein-David-a.in. Schadt-John-a.in. Yeager-Brian-w.in. haven-schuykill.in. schuykill-haven.in. ziegenfus-warren-l.in.) ((("4228528" \| "4319396" \| "4870302" \| "5313119" \| "5384497" \| "5416740" \| "5459342" \| "5679967" \| "5696943" \| "5777887." \| "5892249" \| "5959905" \| "6020755" \| "6222211" \| "6404226").PN.) (("4228528" \| "4319396" \| "4870302" \| "5313119" \| "5384497" \| "5416740" \| "5459342" \| "5679967" \| "5696943" \| "5777887" \| "5892249" \| "5959905" \| "6020755" \| "6222211" \| "6404226").PN.) (("4228528" \| "4319396" \| "4870302" \| "5313119" \| "5384497" \| "5416740" \| "5459342" \| "5679967" \| "5696943" \| "5777887" \| "5892249" \| "5959905" \| "6020755" \| "6222211" \| "6404226").PN.)))) and (substrate and source and drain)) and extend$4) and plurality) and (gate same extend$4)) and (gate with extend$4) | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2003/10/18 18:52 |
| - | | 23 | (((((((((elongate$3 near gate) and transistor) not ((cebenko-stephen-r.in. Rhein-David-a.in. Schadt-John-a.in. Yeager-Brian-w.in. haven-schuykill.in. schuykill-haven.in. ziegenfus-warren-l.in.) ((("4228528" \| "4319396" \| "4870302" \| "5313119" \| "5384497" \| "5416740" \| "5459342" \| "5679967" \| "5696943" \| "5777887" \| "5892249" \| "5959905" \| "6020755" \| "6222211" \| "6404226").PN.) (("4228528" \| "4319396" \| "4870302" \| "5313119" \| "5384497" \| "5416740" \| "5459342" \| "5679967" \| "5696943" \| "5777887" \| "5892249" \| "5959905" \| "6020755" \| "6222211" \| "6404226").PN.) (("4228528" \| "4319396" \| "4870302" \| "5313119" \| "5384497" \| "5416740" \| "5459342" \| "5679967" \| "5696943" \| "5777887." \| "5892249" \| "5959905" \| "6020755" \| "6222211" \| "6404226").PN.)))) and (substrate and source and drain)) and extend$4) and plurality) and (gate same extend$4)) and (gate with extend$4)) and (elongate adj gate) | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2003/10/18 18:52 |

| - | | 23 | (((((((((elongate$3 near gate) and transistor) not ((cebenko-stephen-r.in. Rhein-David-a.in. Schadt-John-a.in. Yeager-Brian-w.in. haven-schuykill.in. schuykill-haven.in. ziegenfus-warren-l.in.) ((("4228528" \| "4319396" \| "4870302" \| "5313119" \| "5384497" \| "5416740" \| "5459342" \| "5679967" \| "5696943" \| "5777887" \| "5892249" \| "5959905" \| "6020755" \| "6222211" \| "6404226").PN.) (("4228528" \| "4319396" \| "4870302" \| "5313119" \| "5384497" \| "5416740" \| "5459342" \| "5679967" \| "5696943" \| "5777887" \| "5892249" \| "5959905" \| "6020755" \| "6222211" \| "6404226").PN.) (("4228528" \| "4319396" \| "4870302" \| "5313119" \| "5384497" \| "5416740" \| "5459342" \| "5679967" \| "5696943" \| "5777887" \| "5892249" \| "5959905" \| "6020755" \| "6222211" \| "6404226").PN.)))) and (substrate and source and drain)) and extend$4) and plurality) and (gate same extend$4)) and (gate with extend$4)) and (elongate adj gate)) not ((cebenko-stephen-r.in. Rhein-David-a.in. Schadt-John-a.in. Yeager-Brian-w.in. haven-schuykill.in. schuykill-haven.in. ziegenfus-warren-l.in.) 9, ((((("4228528" \| "4319396" \| "4870302" \| "5313119" \| "5384497" \| "5416740" \| "5459342" \| "5679967" \| "5696943" \| "5777887" \| "5892249" \| "5959905" \| "6020755" \| "6222211" \| "6404226").PN.) (("4228528" \| "4319396" \| "4870302" \| "5313119" \| "5384497" \| "5416740" \| "5459342" \| "5679967" \| "5696943" \| "5777887" \| "5892249" \| "5959905" \| "6020755" \| "6222211" \| "6404226").PN.) (("4228528" \| "4319396" \| "4870302" \| "5313119" \| "5384497" \| "5416740" \| "5459342" \| "5679967" \| "5696943" \| "5777887" \| "5892249" \| "5959905" \| "6020755" \| "6222211" \| "6404226").PN.)) and transistor) and (gate with (elongat$4 or extend$4)))) | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2003/10/18 18:53 |

| - | | 23 | ((((((((((elongate$3 near gate) and transistor) not ((cebenko-stephen-r.in. Rhein-David-a.in. Schadt-John-a.in. Yeager-Brian-w.in. haven-schuykill.in. schuykill-haven.in. ziegenfus-warren-l.in.) ((("4228528" \| "4319396" \| "4870302" \| "5313119" \| "5384497" \| "5416740" \| "5459342" \| "5679967" \| "5696943" \| "5777887" \| "5892249" \| "5959905" \| "6020755" \| "6222211" \| "6404226").PN.) (("4228528" \| "4319396" \| "4870302" \| "5313119" \| "5384497" \| "5416740" \| "5459342" \| "5679967" \| "5696943" \| "5777887" \| "5892249" \| "5959905" \| "6020755" \| "6222211" \| "6404226").PN.) (("4228528" \| "4319396" \| "4870302" \| "5313119" \| "5384497" \| "5416740" \| "5459342" \| "5679967" \| "5696943" \| "5777887" \| "5892249" \| "5959905" \| "6020755" \| "6222211" \| "6404226").PN.)))) and (substrate and source and drain)) and extend$4) and plurality) and (gate same extend$4)) and (gate with extend$4)) and (elongate adj gate)) not ((cebenko-stephen-r.in. Rhein-David-a.in. Schadt-John-a.in. Yeager-Brian-w..in. haven-schuykill.in. schuykill-haven.in. ziegenfus-warren-l.in.) ((("4228528" \| "4319396" \| "4870302" \| "5313119" \| "5384497" \| "5416740" \| "5459342" \| "5679967" \| "5696943" \| "5777887" \| "5892249" \| "5959905" \| "6020755" \| "6222211" \| "6404226").PN.) (("4228528" \| "4319396" \| "4870302" \| "5313119" \| "5384497" \| "5416740" \| "5459342" \| "5679967" \| "5696943" \| "5777887" \| "5892249" \| "5959905" \| "6020755" \| "6222211" \| "6404226").PN.) (("4228528" \| "4319396" \| "4870302" \| "5313119" \| "5384497" \| "5416740" \| "5459342" \| "5679967" \| "5696943" \| "5777887" \| "5892249" \| "5959905" \| "6020755" \| "6222211" \| "6404226").PN.)) ((((("4228528" \| "4319396" \| "4870302" \| "5313119" \| "5384497" \| "5416740" \| "5459342" \| "5679967" \| "5696943" \| "5777887" \| "5892249" \| "5959905" \| "6020755" \| "6222211" \| "6404226").PN.) (("4228528" \| "4319396" \| "4870302" \| "5313119" \| "5384497" \| "5416740" \| "5459342" \| "5679967" \| "5696943" \| "5777887" \| "5892249" \| "5959905" \| "6020755" \| "6222211" \| "6404226").PN.) (("4228528" \| "4319396" \| "4870302" \| "5313119" \| "5384497" \| "5416740" \| "5459342" \| "5679967" \| "5696943" \| "5777887" \| "5892249" \| "5959905" \| "6020755" \| "6222211" \| "6404226").PN.)) and transistor) and (gate with (elongat$4 or extend$4)))) | USPAT; US-PGPUB; EPO; JPO; IBM_TDB | 2003/10/18 19:08 |